Res version 2
Group 24
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6. Functional Test Cases

Grant access
Description of the functionality being tested:
The system administrator should be able to grant a user teachers-access.
Reference to RD:
This functionality was first described on page 9 of the Requirments Document.
Inputs and preconditions:
There should be some existing users in the system without teaches-access. The tester need to be logged in as administrator.
Expected output:
After the test the user who was granted teacher-access should be able to request a new course to be created (only teachers can do this).
Procedure:
1. Select user-administration from the main menu.
2. Pick the user you want to grant access.
3. Select Teacher from the drop list nect to "Status".
4. Press "Modify"

Withdraw access
Description of the functionality being tested:
The system administrator should be able to withdraw a user teachers-access.
Reference to RD:
This functionality was first described on page 9 of the Requirments Document.
Inputs and preconditions:
There should be some existing users in the system with teaches-access. The tester need to be logged in as administrator.
Expected output:
After the test the user who was withdrawn teacher-access should not be able to request a new course to be created (only teachers can do this).
Procedure:
1. Select user-administration from the main menu.
2. Pick the user you want to withdraw the access from.
3. Select student from the drop list next to "Status".
4. Press "Modify"

Create assignment
Description of the functionality being tested:
Teachers should be able to create assignment for their courses.
Reference to RD:
This functionality was first described on page 9 of the Requirments Document.
Inputs and preconditions:

The tester need to be logged in as a teacher whit at least one course that he is leading.

Expected output:

After the test, the tester should be able to see the new assignment on the courses page.

Procedure:

1. Select "My Courses" from the main menu.
2. Pick the course you want to add the assignment too, and klick it.
3. Klick "Add new assignment" on the course information page.
4. Fill in "Type", "Name" and "Due Date", press "Create assignment"

Update assignment

Description of the functionality being tested:

Teachers should be able to update assignments for their courses.

Reference to RD:

This functionality was first described on page 9 of the Requirments Document.

Inputs and preconditions:

The tester need to be logged in as a teacher whit at least one course that he is leading. The course need to have a assignment.

Expected output:

After the test, the tester should be able to see the new assignment info on the courses page.

Procedure:

1. Select "My Courses" from the main menu.
2. Pick the course you want to update the assignment for.
3. Klick "Update assignment" next to the assignment you want to update.
4. Do the changes you want and klick "Update"

List Students

Description of the functionality being tested:
Teacher should be able to list students in a course

Reference to RD:
This functionality was first described on page 9 of the Requirments Document.

Inputs and preconditions:
The tester need to be logged in as a teacher who is leading atleast one course. That course need to have some students taking it.

Expected output:
The teacher should get a list of students taking the course he selected.

Procedure:
1. Select "My Courses" from the main menu.
2. Pick the course you want to list the students for.
3. Click the course.
4. Click "List Students".

Assign assistants

Description of the functionality being tested:
Teachers should be able to assign assistants to a course.

Reference to RD:
This functionality was first described on page 9 of the Requirments Document.

Inputs and preconditions:
The tester need to be logged in as a teacher who is leading at least one course. There need to be atleast one assistant user in the system.

Expected output:
After the test, when you go to the course page you should see the assistant listed on the course you added him/her too.

Procedure:
1. Select "My Courses" from the main menu.
2. Pick the course you want to add the assistant too.
3. Click the "Update Course"-button.
4. Write the name of the assistant you want to add in the Add Assistant field.
5. Click the "Add"-button.

Remove assistants

Description of the functionality being tested:
Teachers should be able to remove an assistant from a course

Reference to RD:
This functionality was first described on page 9 of the Requirments Document.

Inputs and preconditions:
The tester need to be logged in as a teacher whit at least one course that he is leading. That course need to have at least one assistant assigned to it.

Expected output:
After the test, the tester should not see the removed assistant listed on the course info page.

Procedure:
1. Select "My Courses" from the main menu.
2. Pick the course you want to remove the assistant from.
3. Click the "Update Course"-button.
4. Select the assistant you want to remove from the drop down list.
5. Press the "Remove"-button.

Test for the functional requirement "Update grades"

Description of the functionality being tested
A teacher or an assistant should be able to update a student's grade on a specific assignment

Reference to the RD
This functionality was first described on page 9 of the Requirements Document.

Inputs and preconditions
The inputs to this functionality is an assignment that can be graded, and a student that handed in this assignment.
The preconditions are that you should be logged in to the system as a teacher, or assistant, in the relevant course.

Expected outputs
When you are done with this task, the student should have the new updated grade visible to him in the system.

Procedure
1. Click the main menu, choose 'Update grades'
2. Click the course to which the assignment belong
3. Choose the new grade in the given assignment
4. Click 'Update'

Test for the functional requirement "Join a course"

Description of the functionality being tested
A student should be able to join a course.

Reference to the RD
This functionality was first described on page 9 of the Requirements Document.

Inputs and preconditions

You should be logged in to the system, and there should be a course available to join.

Expected outputs

When you are done with this task, the student should be listed as attending to the course he just joined.

Procedure

1. Click the main menu, choose 'Join a course'
2. Click the course you want to join

Test for the functional requirement "List courses"

Description of the functionality being tested

A user of the system should be able to list the courses that is given at the university.

Reference to the RD

This functionality was first described on page 9 of the Requirements Document.

Inputs and preconditions

There should be atleast one course to be listed, and you should be logged in to the system.

Expected outputs

When you successfully issued this command, you should be given a list of all the courses at the university, and a textarea that acts like a filter to let you find the course you specified.

Procedure

1. Click the main menu, choose 'List courses'

Test for the functional requirement "Show grades"

Description of the functionality being tested

A student should be able to show his grades in a course.

Reference to the RD

This functionality was first described on page 9 of the Requirements Document.

Inputs and preconditions

You should be logged in as a student attending to a course that has got assignments.

Expected outputs

The output should be a list of your assignments in the given course, and the grades you've got.

Procedure

1. Click the main menu, choose 'Show grades'
2. Click the course that you are interested in

Test for the functional requirement "Leave course"

Description of the functionality being tested

A student should be able to leave a course that he is currently attending to.

Reference to the RD

This functionality was first described on page 9 of the Requirements Document.

Inputs and preconditions

You have to be logging in as the given student, and attending to atleast one course that you want to leave.

Expected outputs

When you choose to leave a course, you stop beeing listed as attending to this course. However, the assignments that you have handed in for this course should be left in the database for future reference.

Procedure

1. Click the main menu, choose 'Leave course'
2. Click the course that you want to leave
3. Confirm that you want to leave this course

Test for the functional requirement "Create course"

Description of the functionality being tested

The system administrator should be able to create a new course.

Reference to the RD

This functionality was first described on page 9 of the Requirements Document.

Inputs and preconditions

You should be logged in as system administrator.

Expected outputs

When you are done with this task, there should be a new course listed in the system.

Procedure

1. Click the main menu, choose 'Create new course'
2. Fill the form with all data required
3. Click 'Create'

Test for the functional requirement "Request course"

Description of the functionality being tested

A teacher should be able to request a new course to be created.

Reference to the RD

This functionality was first described on page 9 of the Requirements Document.

Inputs and preconditions

You are logged in as teacher in the system.

Expected outputs

When you are done with this task, a new course will be listed for the system administration to be verified.

Procedure

1. Click the main menu, choose 'Request course creation'
2. Fill the form with all data required

3. Click 'Request creation'

Test for the functional requirement "Validate course"

Description of the functionality being tested

A student should be able to leave a course that he is currently attending to.

Reference to the RD

This functionality was first described on page 9 of the Requirements Document.

Inputs and preconditions

You have to be logging in as system administrator, and there should be atleast one course creation request.

Expected outputs

When you validate the course, it should become visible in the system.

Procedure

1. Click the main menu, choose 'Validate course'
2. Click the course that you want to validate
3. Click 'Validate course'